

Q&A about the CSO Control Facility at 545 Elliott Avenue West.

The Elliott West Facility will be about 3 1/2 stories tall – the same height as the existing West Farm Foods/Darigold building just to the north. The exterior of the building will be brick with cast stone trim. The roof and the security lighting system have been designed to avoid glare to the surrounding neighborhood.

A circular driveway, with a planting area in the middle, will be located in the northern end of the property. An iron fence designed with a decorative abstract reed pattern will be constructed along the east side of the site adjacent to the sidewalk.

Following construction, the area surrounding the new building will be landscaped and new street trees will be planted along Elliott Avenue West.

When will construction begin and how long will it last?

Excavation for tunnel construction will begin at this site in the summer of 2000. Construction of the facility will begin in the spring of 2002.

What will happen in this building?

The facility will operate only during large storms.

If the tunnel fills up during a storm, the CSO Facility will automatically begin operations to provide

CSO treatment. Treated flows will be discharged to Elliott Bay through the new outfall at the Denny Regulator in Myrtle Edwards Park. CSO treatment is expected to occur about 10 to 20 times a year.

After the storm ends, the flows stored in the Mercer Street Tunnel will be pumped to the existing Elliott Bay Interceptor by the large pumps in this facility. These flows will be transported to the West Point Treatment Plant, where they will receive secondary treatment.

Will there be odor or noise from the building?

This facility will operate during the wettest days of the year when there is low potential for odors to form. State of the art odor controls have been designed for the facility to minimize odor impacts to the surrounding area. The odor controls will operate continually to treat the air that remains in the tunnel when it is empty.

Emergency generators will be installed at the facility to allow operation of lights and safety equipment in the event of a power failure. The generators will be enclosed within the structure.

Artist's rendering of the CSO Control Facility located at 545 Elliott Avenue West.

